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OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Daray

Serial No.: 09/998,269

Filed: November 30, 2001

For: **CULTURALLY CORRECT ORDERING OF KEYED
RECORDS**

) Art Unit: 2172

) Examiner: Chen

) CA920000077US1

) May 12, 2004
) 750 B STREET, Suite 3120
) San Diego, CA 92101
)

RESPONSE TO OFFICE ACTION

Commissioner of Patents and Trademarks
Washington, DC 20231

Dear Sir:

In response to the Office Action dated May 5, 2004, please amend the above-captioned patent application as follows.

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A1

1. (original) A method performed on a computer system operationally coupled to computer readable memory for storing a set of records each having a data key, said method for sorting based on collation information of a particular culture pertaining to said set of records, comprising:

reading at least one locale token associated with the set of records, the locale token

identifying at least one locale object having collation information;

using at least the locale object to locate and read the collation information;

creating at least one culturally correct collation key for at least some data keys associated with at least some records; and

using at least one culturally correct collation key, sorting the set of records into at least one culturally correct sorted order.

2. (original) The method of claim 1, further including operating the computer system in a distributed computing environment.

3. (original) The method of claim 2, further including:

using a pointer to locate the set of records; and

using the locale token to identify at least one coded character set.

4. (original) The method of claim 1, wherein said set of records is structured.

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5. (original) The method of claim 4, wherein keyed records of said set of records each includes a data field.
6. (original) The method of claim 4, wherein said locale token is appended to said set of records.
7. (original) The method of claim 4, wherein the act of creating said culturally correct collation key is performed using at least one collation engine.
8. (original) The method of claim 1, wherein at least one culturally correct collation key is collated using a comparator.
9. (currently amended) The method ~~of any~~ of claim 4, further including displaying said set of records.
10. (original) A computer program product for use in a computer system operatively coupled to a computer readable memory, the computer program product including a computer-readable data storage medium tangibly embodying computer readable program code for directing said computer to sort a set of records each having a data key based on collation information of a particular culture pertaining to said set of records, said code comprising:

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means for instructing said computer system to read a locale token associated with the set of records, the locale token identifying a preferred locale object having collation information;

means for instructing said computer system to use the preferred locale object to locate and read the collation information;

means for instructing said computer system to create a culturally correct collation key for each data key associated with the each record; and

means for instructing said computer system to use the created culturally correct collation keys to sort the set of records into a culturally correct sorted order.

[12]11. (currently amended) The computer program product of claim [11]10 further comprising means for instructing said computer system to operate the computer system in a distributed computing environment.

[13]12. (currently amended) The computer program product of claim [12]11 further comprising:
means for instructing said computer system to use a pointer to locate the set of records; and
means for instructing said computer system to use the locale token to identify a preferred coded character set.

[14]13. (currently amended) The computer program product of ~~any of~~ claim [11]10 wherein said set of records is structured.

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[15]14. (currently amended) The computer program product of claim [14]13 wherein keyed records of said set of keyed records each includes a data field.

[16]15. (currently amended) The computer program product of claim [14]13 further comprising means for instructing said computer system to append said locale token to said set of records.

[17]16. (currently amended) The computer program product of claim [14]13 further comprising means for instructing said computer system to create said collation key using a collation engine.

[18]17. (currently amended) The computer program product of claim [14]13 further comprising means for instructing said computer system to collate said key using a comparator.

[19]18. (currently amended) The computer program product of claim 10 further comprising means for instructing said computer system to display said records.

[20]19. (currently amended) A computer system operatively coupled to a computer readable memory, the computer system for sorting, based on collation information of a particular culture pertaining to said set of records, the computer system undertaking method acts comprising:
reading a locale token associated with the set of records, the locale token identifying a preferred locale object having collation information;

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using the preferred locale object to locate and read the collation information;
creating a culturally correct collation key for each data key associated with the each record; and
using the created culturally correct collation keys to sort the set of records into a
culturally correct sorted order.

[22]20. (currently amended) The computer system of claim [21]19 wherein the method acts undertaken by the computer system further include configuring said system to operate in a distributed computing environment.

[23]21. (currently amended) The computer system of claim [22]20 wherein the method acts undertaken by the computer system further include:

using a pointer to locate the set of records; and
using the locale token to identify a preferred coded character set.

[24]22. (currently amended) The computer system of claim [21]19 wherein said set of records is structured.

[25]23. (currently amended) The computer system of claim [21]19 wherein keyed records of said set of records each includes a data field.

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[26]24. (currently amended) The computer system of claim [21]19 wherein the method acts undertaken by the computer system further include configuring said system to append said locale token to said set of records.

[27]25. (currently amended) The computer system of claim [21]19 wherein the method acts undertaken by the computer system further include configuring said system to create said collation key via a collation engine.

[28]26. (currently amended) The computer system of claim [21]19 wherein the method acts undertaken by the computer system further include configuring said system to collate said collation key via a comparator.

[29]27. (currently amended) The computer system of claim [21]19 wherein the method acts undertaken by the computer system further include configuring said system to display said records.

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